

[illegible]

Page 10 of 10

□□□□

[illegible]

Universal Approximation Theorem & Nash Embedding Theorems

critique criticus κριτικός critical judgement

[illegible][illegible]

□ □ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible][illegible]

AlphaGo Zero is superhuman
AlphaGo AlphaZero MuZero

SAE level 4

ready ALphabet/Waymo SAE level 4 SAE level 4 ALphabet/Waymo

Reward Is Enough reward reward reward Reward

SAE level 4

Nash Embedding Theorems Word-embedding Vector Space

deep learning reinforcement learning

reward

Universal Approximation Theorem selfish gene

Leukotomy selfish gene Technological Singularity potentially a meta-solution to any problem Reward Is Enough liberal arts

A B C D

A.

1.

2.

3. Chaitin's constant

4.

5. 1 - 4

B.

6. relevance theory

7.

8. Grigori Perelman Poincaré conjecture

9. Demis Hassabis AlphaGo intuition intuition Demis Hassabis AlphaGo intuition AlphaGo a meta-solution to any problem

10. AlphaGo Nature superhuman performance

C.

11. form

12. motif

13. `truth` is a variable that holds the value `truth`.
What is the output of the following code?

15. Freeman Dyson *Birds and Frogs* birds frogs

17. selfish gene

19.

21. Turing Machine deterministic, probabilistic, etc.

23. word-embedding vector space, encoder-decoder, attention, transformer, BERT

25. Universal Approximation Theorem overfitting underfitting chaos phenomena

26. `reward` `Reward Is Enough`

27. selfish gene

28.

□ □ □ □ □ □ □ □ □ □ □ □

Freeman Dyson

[illegible][illegible]

□ □

□□□□“□□□□□□”□□□□□□□□□□□□□□□□□□□□□□□□

[illegible]

AlphaGo Nature
SAE level 5 SAE level 4

[illegible]

□ □

[illegible]

The Selfish Gene

[illegible][illegible]

[illegible][illegible][illegible][illegible][illegible][illegible]

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

□ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible]

